

Griffin, Etelka

102956

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MyDate=Wed Sep 03 12:41:09 GMT-0400 (Eastern Daylight Time) 2003

submitto=STIC-EIC3600@uspto.gov

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Artunit=3677

Office=CPk5-2D18

Serialnum=10/057356

PatClass=24/132R

9-03-03P02:17 RCVD

Earliest=7/26/99

Format1=paper

Searchtopic=This application was published as US 2002/0092137 A1.

A clamp for quickly repairing a broken leg rope that tethers a surfboard to a surfer. The clamp has two pivoted cams that independently clamp a respective end of the broken leg rope thereby joining the ends together so that the device can be quickly reused while at the beach.

Comments=I can be reached M-F from 5:30 to 2:00.

send=SEND

B63B - 035

how files;ds

File 48:SPORTDiscus 1962-2003/Aug

(c) 2003 Sport Information Resource Centre

Set	Items	Description
S1	0	AU='WHITTY B':AU='WHITTY BRIAN ALAN'
S2	0	S1 AND TETHER?
S3	0	S1 AND ROPE?
S4	23	(ROPE OR ROPES OR CORD? OR CABLE OR CABLES) (4N) (LEG OR LEGS OR LIMB? ?)
S5	317	SURFBOARD? OR SURF()BOARD?
S6	5202	REPAIR? OR FIX OR FIXING OR FIXS OR FIXED OR REATTACH?
S7	262	CAM OR CAMS
S8	3436	CLAMP? OR CLASP? OR HOLD?
S9	0	S4 AND S7 AND S6
S10	0	S4 AND S6 AND S5
S11	0	S10 AND S7
S12	2843	SURFING
S13	0	S4 AND S5 AND S6 AND S8
S14	18	S5 AND S6
S15	0	S14 AND (S4 OR S8 OR S7)
?		

how files;ds

File 347:JAPIO Oct 1976-2003/May(Updated 030902)

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File 350:Derwent WPIX 1963-2003/UD,UM &UP=200356

(c) 2003 Thomson Derwent

File 371:French Patents 1961-2002/BOPI 200209

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File 344:Chinese Patents Abs Aug 1985-2003/Mar

(c) 2003 European Patent Office

Set	Items	Description
S1	4	AU='WHITTY B':AU='WHITTY BRIAN ALAN'
S2	0	S1 AND TETHER?
S3	1	S1 AND ROPE?
S4	1014	(ROPE OR ROPES OR CORD? OR CABLE OR CABLES) (4N) (LEG OR LEGS OR LIMB? ?)
S5	1789	SURFBOARD? OR SURF()BOARD?
S6	1769035	REPAIR? OR FIX OR FIXING OR FIXS OR FIXED OR REATTACH?
S7	164027	CAM OR CAMS
S8	1372323	CLAMP? OR CLASP? OR HOLD?
S9	9	S4 AND S7 AND S6
S10	5	S4 AND S6 AND S5
S11	1	S10 AND S7
S12	1019	SURFING
S13	1	S4 AND S5 AND S6 AND S8
?		

3/7/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013675545 **Image available**
WPI Acc No: 2001-159757/200116

Leg *rope* connection device used when surfing, has clamps respectively associated with arms for retaining portions of leg *rope* within leg *rope* guide provided in housing.

Patent Assignee: WHITTY B (WHIT-I)
Inventor: *WHITTY B*
Number of Countries: 094 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200107798	A1	20010201	WO 2000AU893	A	20000726	200116 B
AU 200059554	A	20010213	AU 200059554	A	20000726	200128
BR 200013188	A	20020507	BR 200013188	A	20000726	200238
			WO 2000AU893	A	20000726	
US 20020092137	A1	20020718	US 200257356	A	20020125	200254
AU 750833	B	20020801	AU 200059554	A	20000726	200261
JP 2003505288	W	20030212	WO 2000AU893	A	20000726	200321
			JP 2001512198	A	20000726	

Priority Applications (No Type Date): AU 991829 A 19990726

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200107798	A1	E	25	F16G-011/10	
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW					
AU 200059554	A			F16G-011/10	Based on patent WO 200107798
BR 200013188	A			F16G-011/10	Based on patent WO 200107798
US 20020092137	A1			F16G-011/00	
AU 750833	B			F16G-011/10	Previous Publ. patent AU 200059554
					Based on patent WO 200107798
JP 2003505288	W		38	B63B-035/79	Based on patent WO 200107798

Abstract (Basic): WO 200107798 A1

NOVELTY - The leg *rope* connection device (1) has a clamp (17) associated with an arm (3) for retaining a portion of a leg *rope* within a leg *rope* guide (7). Another clamp (18) is associated with another arm (4) for retaining another portion of the leg *rope* within the leg *rope* guide. The clamps are associated with a housing (2). The leg *rope* guide is provided inside the housing.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a method of repairing a broken leg *rope*.

USE - Used when surfing. Used for connecting leg *ropes* which are used when riding a surfboard.

ADVANTAGE - Enables a surfer to repair or join the broken urethane rubber strip of the leg *rope* while remaining in the water.

DESCRIPTION OF DRAWING(S) - The figure shows the isometric view of the leg *rope* connection device.

Leg *rope* connection device (1)

Housing (2)

Arm (3)

Arm (4)

Leg *rope* guide (7)

Clamp (17)

Clamp (18)

pp; 25 DwgNo 1/7

Derwent Class: Q24; Q61; Q64

International Patent Class (Main): B63B-035/79; F16G-011/00; F16G-011/10

9/7/1 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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012651219 **Image available**
WPI Acc No: 1999-457324/199938

Single *cam* compound archery bow
Patent Assignee: DARLINGTON R F (DARL-I)
Inventor: DARLINGTON R F
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5934265	A	19990810	US 96603220	A	19960220	199938 B
			US 9617486	P	19960510	
			US 97853260	A	19970509	
US 37544	E	20020212	US 96603220	A	19960220	200212
			US 9617486	P	19960510	
			US 97853260	A	19970509	
			US 2000558485	A	20000425	

Priority Applications (No Type Date): US 9617486 P 19960510; US 96603220 A 19960220; US 97853260 A 19970509; US 2000558485 A 20000425

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5934265	A		21	F41B-005/10	CIP of application US 96603220 Provisional application US 9617486
US 37544	E			F41B-005/10	CIP of application US 96603220 Provisional application US 9617486 Reissue of patent US 5934265

Abstract (Basic): US 5934265 A

NOVELTY - The bow has a power *cam* (46) and a control wheel (42) rotatably secured to the ends of opposing *limbs*, between which a power *cable* segment (PC), a bow string segment (BSC) and a control cable segment (CC) extend. When the bow string cable is drawn, it unwraps equally from the power *cam* and control wheel and wraps the power and control cables into a power groove on the power *cam* a control groove on the control wheel, respectively.

DETAILED DESCRIPTION - The bow has a handle (32) from which bow limbs (30,40) extend, the first of which has a control wheel rotatably mounted at its tip while the second of which has a power *cam* rotatably mounted at its tip. A power cable segment is anchored at one end to the first limb and at the second end to the power *cam* at a position where it can wrap into and unwrap from a power cable groove, while a bow string cable segment is anchored to the control wheel and the power *cam* at positions where it can wrap into and unwrap from first and second bow string take up grooves in the control wheel and power *cam*, respectively.

The bow string cable has a nock point (50) disposed between the ends of the two *limbs* and a control *cable* segment is anchored at one end to the control wheel at a position to wrap into and unwrap out of a control groove on the control wheel while being anchored to the power *cam* at its opposite end. As the bow string cable segment is drawn away from the handle it unwraps equally from the power *cam* and the control wheel, wraps the power cable segment into the power cable groove on the power *cam* so as to draw the bow limbs together up until a power let-off point at the power cable groove, and wraps the control cable segment around the control groove on the control wheel.

USE - None given.

ADVANTAGE - The length of the power groove on the power *cam* and the position of the power let-off point on the power *cam* are adjustable while maintaining a *fixed* separation between the power let-off point and the control cable on the power *cam*, so that the nock point travels in a strait line as the bow string cable section is drawn and released independent of the adjusted length of the power

cable groove and the position of the power let-off point. Lateral separation between the control and power cables is as they are wrapped around the power *cam* is minimized, which in turn minimizes the force differential on the power *cam* which tends to twist the bow limb to which it is mounted.

DESCRIPTION OF DRAWING(S) - A side view of the single *cam* compound archery bow and fragmentary elevational views of embodiments of the power *cam*.

Bow limbs (30,40)
Handle (32)
Control wheel (42)
Power *cam* (46)
Nock point (50)
Bow string segment (BSC)
Control cable segment (CC)
Power cable segment (PC)
pp; 21 DwgNo 1,21,28/32

Derwent Class: Q79

International Patent Class (Main): F41B-005/10

9/7/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

011536818 **Image available**

WPI Acc No: 1997-513299/199748

Swing arm cable guard for use with compound archery bow - has pivoting swing arm connecting cable retainer and support arm mounted on bow overdraw bracket, to move retainer closer to drawn bowstring

Patent Assignee: GALLOPS H M (GALL-I); BEAR ARCHERY INC (BEAR-N)

Inventor: GALLOPS H M; SIMONDS G L

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2194413	A	19970726	CA 2194413	A	19970106	199748 B
US 5718213	A	19980217	US 96591719	A	19960125	199814
CA 2194413	C	19990727	CA 2194413	A	19970106	199949

Priority Applications (No Type Date): US 96591719 A 19960125

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2194413	A		23	F41B-005/14	
US 5718213	A		12	F41B-005/10	
CA 2194413	C	E		F41B-005/14	

Abstract (Basic): CA 2194413 A

The guard (2) is for use with a compound bow which has an overdraw bracket (3) mounted on a handle (4), a pair of bow limbs, at least one feed *cam*, a bowstring (8), and one or more return cables (10,12) which are retained away from the bowstring to provide a clear arrow flight path. The guard includes a support arm (20) *fixed* at one end to the overdraw bracket.

A swing arm (28) is pivotally connected at one end to the other end of the support arm (27). The other end of the swing arm is pivotally connected to the cable retainer (30). The swing arm is angled inward in the bowstring direction, so that when the bow is drawn the cable retainer is closer to the bowstring plane than it is when the bow is in the brace position.

ADVANTAGE - Compact guard reduces stress on *cables* and bow *limbs* and friction between *cables* and cable retainer when bow is drawn.

Dwg.1/7

Abstract (Equivalent): US 5718213 A

The guard (2) is for use with a compound bow which has an overdraw bracket (3) mounted on a handle (4), a pair of bow limbs, at least one

feed *cam*, a bowstring (8), and one or more return cables (10,12) which are retained away from the bowstring to provide a clear arrow flight path. The guard includes a support arm (20) *fixed* at one end to the overdraw bracket.

A swing arm (28) is pivotally connected at one end to the other end of the support arm (27). The other end of the swing arm is pivotally connected to the cable retainer (30). The swing arm is angled inward in the bowstring direction, so that when the bow is drawn the cable retainer is closer to the bowstring plane than it is when the bow is in the brace position.

ADVANTAGE - Compact guard reduces stress on *cables* and bow *limbs* and friction between *cables* and cable retainer when bow is drawn.

Dwg.1/7

Derwent Class: Q79

International Patent Class (Main): F41B-005/10; F41B-005/14

9/7/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009764731 **Image available**

WPI Acc No: 1994-044582/199406

Alpine ski boot - having supple *cord* between *leg* and shell and adjusted by *cam* rotated by button and moving carriage holding ends of cord

Patent Assignee: SALOMON SA (SALO)

Inventor: FARYS Y; GRAILLAT G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2693086	A1	19940107	FR 928395	A	19920703	199406 B

Priority Applications (No Type Date): FR 928395 A 19920703

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
FR 2693086	A1		16	A43B-005/04	

Abstract (Basic): FR 2693086 A

The boot (1) has a shell (6) and a leg (2) with front (3) and back parts (4). These are articulated on an axle (5) on the shell and pivot backwards and forwards. The angular flexing amplitude is adjusted by a supple inextensible cord (11). This is between a *cam* (9), on the back of the leg, and a support (10) on the back of the shell.

The *cam* is turned by a button (13) which moves a carriage (12) to which the ends of the cord are *fixed*, thus adjusting the tension of the cord. The cord loop passes round the lower support.

USE/ADVANTAGE - Alpine ski boot with adjustable flexing amplitude of leg.

Dwg.1/10

Derwent Class: P22

International Patent Class (Main): A43B-005/04

International Patent Class (Additional): A43B-023/02

9/7/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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007803715

WPI Acc No: 1989-068827/198909

Polyurethane cords connecting device - has rectangular body with *cam* surface at diagonally opposite corners and restraining surface at other corners

Patent Assignee: DAVIES P E (DAVI-I)

Inventor: DAVIES P E

Number of Countries: 013 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 8901455	A	19890223	WO 88AU280	A	19880729	198909 B
AU 8821363	A	19890309				198925

Priority Applications (No Type Date): AU 8777294 A 19870821

Cited Patents: AU 5843122; AU 6331339; AU 7022437; AU 7239989; AU 7241131;

AU 7616380; EP 148287; GB 2181479; US 3564664; US 4541149

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 8901455 A E 11

Designated States (National): AU BR JP

Designated States (Regional): AT BE CH DE FR GB IT LU NL SE

Abstract (Basic): WO 8901455 A

The two cords are held between respective *cam* and restraining surfaces. Pref. each *cam* surface is on a respective wheel and each restraining surface is on a respective restraining member. Each *cam* and restraining surface comprises teeth which grip the polyurethane cords. By pulling the cords in opposite directions. The space between respective *cam* and restraining surfaces is reduced.

USE - Useful for the *repair* of surfboard *leg*--*ropes*.

0/2

Derwent Class: A92; Q36; Q64

International Patent Class (Additional): B65H-069/00; F16G-011/10

9/7/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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007215900

WPI Acc No: 1987-212909/198730

Convertible bed settee - has additional mattress base hinged to seat base which is supported on front spherical castors and connected by endless rope to back

Patent Assignee: MOLDAVPROEKTMEBEL (MOLD-R)

Inventor: KIRILLOV A A; SHOKIN I T; TARRASENKO V M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SU 1279600	A	19861230	SU 3918131	A	19850628	198730 B

Priority Applications (No Type Date): SU 3918131 A 19850628

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

SU 1279600 A 4

Abstract (Basic): SU 1279600 A

A settee convertible to bed includes frame (1) with rotating back (2) and seat base (3) which is attached to the latter and mounted on spherical castors. Converting mechanism includes two torsion shafts (5) and (13) which carry *cams* (6) and (7). *Cam* (6) is *fixed* to its shaft and both *cams* connected by endless *rope* (18). *Legs* (11) are turned either by hinged parallelogram or telescopic bars. For converting to bed, settee has an additional mattress (8) attached to rotating a base (9).

Base (9) is turned clockwise, together with base (3) and legs (4). Shaft (13) is rotated and finger (10) moved in *cam* (7) slot (17). It turns *cam* (7) and via rope (18) *cam* (6). The latter rotates back (2) clockwise. Base (3) is turned on its hinge anticlockwise and pulls legs (11) to extreme forward position. Back (2) and bases (9) and (3)

together with their mattresses, are fully extended horizontally.
USE/ADVANTAGE - Convertible bed settee is easier to operate.
Bul.48/30.12.86

Dwg.1/8

Derwent Class: P26

International Patent Class (Additional): A47C-017/16

9/7/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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004531488

WPI Acc No: 1986-034832/198605

**Compound archery bow with single *cam* assembly - has *cams* receiving
string cable segments mounted *fixed* w.r.t. each other to move as unit**

Patent Assignee: KIDDE RECREATION PROD INC (TWKI)

Inventor: JENNINGS T P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4562824	A	19860107	US 84577897	A	19840207	198605 B

Priority Applications (No Type Date): US 84577897 A 19840207

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4562824	A		7		

Abstract (Basic): US 4562824 A

The compound bow includes a single, integrated *cam* assembly supported by the bow handle and having separate, adjacent *cam* elements receiving string cable segments and power *cable* segments from the bow *limb* tips. All the *cam* elements are *fixed* relative to one another and are mounted for displacement as a unit. The *cam* elements and attendant bow structure result in shortened limb tip travel for a given bowstring displacement.

The draw length of the bow is readily altered without dismantling the bow cable components and without any tools by removing and relocating end portions of the power cables in selected ones of a number of retainer pockets in the cable assembly. Further draw length modification is obtainable without changing the bow peak draw weight, through interchangeable power cable *cams*.

Derwent Class: Q79

International Patent Class (Additional): F41B-005/00

9/7/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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004147560

WPI Acc No: 1984-293100/198447

**Safety device for crane snatch block - has sprung catches *fixed*
symmetrically to pusher which has conical working part**

Patent Assignee: TOMSK POLY (TOPO); TULA DES TECHN INST (TUDE-R)

Inventor: KONOPLEV S V; KONOPLEV V I; SHESTAKOV V A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SU 1079581	A	19840315	SU 3470250	A	19820714	198447 B

Priority Applications (No Type Date): SU 3470250 A 19820714

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
SU 1079581	A		3		

Abstract (Basic): SU 1079581 A

The safety device which operates to secure the snatch block in the event of one *cable* *limb* breaking, comprises wedges in guides in the body of the suspension either side of its pulley groove, connected to springs and acting with stops *fixed* in the body. There is a *cam* in the body on an axis, and a centrifugal pusher on the pulley, acting with the *cam*.

It has sprung catches *fixed* symmetrically to the pusher, which has a conical working part, guide pins in slots in the body and *fixed* on the wedges. The wedges have windows for the load cable branches, and pins. The *cam* is T-shaped and linked to the wedges by the pins.

ADVANTAGE - Is more reliable. Bul.10/15.3.84

Dwg.0/1

Derwent Class: Q38

International Patent Class (Additional): B66B-005/24

9/7/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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001685084

WPI Acc No: 1977-C1561Y/197711

Cable cutter with two swinging links - has one shearing jaw attached rigidly to one link, second jaw pivots on other

Patent Assignee: FLISCH F (FLIS-I)

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 2539871	A	19770310				197711 B
DE 2539871	C	19820318				198212

Priority Applications (No Type Date): DE 2539871 A 19750908

Abstract (Basic): DE 2539871 C

A *cable* cutter has two hinged *limbs* whereby with a shearing jaw (2) rigidly attached to one limb (1) while the other limb (3) is actively coupled to the second shearing jaw (5) by two, toothed plates which have a transmission ratio differing from one another by a factor of at least five.

The second limb (3) has a swinging *cam* (8) attached to it while a heart-piece (10) is *fixed* to the second shearing jaw (5).

There are two rivets (7, 9) or pins on the heart piece and *cam* and altogether the pins and inter-acting teeth ensure that the shears can be operated with minimum effort and complication especially during opening and closing operations.

DE 2539871 A

A *cable* cutter has two hinged *limbs* whereby with a shearing jaw (2) rigidly attached to one limb (1) while the other limb (3) is actively coupled to the second shearing jaw (5) by two, toothed plates which have a transmission ratio differing from one another by a factor of at least five.

The second limb (3) has a swinging *cam* (8) attached to it while a heart-piece (10) is *fixed* to the second shearing jaw (5).

There are two rivets (7, 9) or pins on the heartpiece and *cam* and altogether the pins and inter-acting teeth ensure that the shears can be operated with minimum effort and complication especially during opening and closing operations.

Derwent Class: P62

International Patent Class (Additional): B25B-007/12; B26B-013/26

9/7/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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001341575

WPI Acc No: 1975-N5512W/197551

Compound-type archery bow - includes pulley system and *cams* to give constant draw pressure upto aiming position

Patent Assignee: TROTTER G H (TROT-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 3923035	A	19751202				197551 B

Priority Applications (No Type Date): US 74498970 A 19740820

Abstract (Basic): US 3923035 A

The bow has pulleys rotatably a *fixed* to the *limb* free ends. A *cable* system includes a set of *cams* mounted on the frame of the bow to effect a constant drawn pressure to a predetermined point, and a significant drop in pressure at a predetermined point. The cable system has a first forward tension cable, one end of which is carried by one of the *cams* while the other end of the cable extends uninterrupted to a pulley on the free end of a bow *limb*. A second forward tension *cable* is positioned at the opposite end of the bow and connects to a pulley on a pulley on the free end of the opposite bow limb.

Derwent Class: Q79

International Patent Class (Additional): F41B-005/00

?

7/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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007803715

WPI Acc No: 1989-068827/198909

Polyurethane cords connecting device - has rectangular body with *cam* surface at diagonally opposite corners and restraining surface at other corners

Patent Assignee: DAVIES P E (DAVI-I)

Inventor: DAVIES P E

Number of Countries: 013 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 8901455	A	19890223	WO 88AU280	A	19880729	198909 B
AU 8821363	A	19890309				198925

Priority Applications (No Type Date): AU 8777294 A 19870821

Cited Patents: AU 5843122; AU 6331339; AU 7022437; AU 7239989; AU 7241131;

AU 7616380; EP 148287; GB 2181479; US 3564664; US 4541149

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 8901455	A	E	11		
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Designated States (National): AU BR JP

Designated States (Regional): AT BE CH DE FR GB IT LU NL SE

Abstract (Basic): WO 8901455 A

The two cords are held between respective *cam* and restraining surfaces. Pref. each *cam* surface is on a respective wheel and each restraining surface is on a respective restraining member. Each *cam* and restraining surface comprises teeth which grip the polyurethane cords. By pulling the cords in opposite directions. The space between respective *cam* and restraining surfaces is reduced.

USE - Useful for the *repair* of *surfboard* *leg*--*ropes*.

0/2

Derwent Class: A92; Q36; Q64

International Patent Class (Additional): B65H-069/00; F16G-011/10

?

File 15:ABI/Inform(R) 1971-2003/Sep 04
 (c) 2003 ProQuest Info&Learning
 File 323:RAPRA Rubber & Plastics 1972-2003/Sep
 (c) 2003 RAPRA Technology Ltd
 File 340:CLAIMS(R)/US Patent 1950-03/Sep 02
 (c) 2003 IFI/CLAIMS(R)
 File 342:Derwent Patents Citation Indx 1978-01/200332
 (c) 2003 Thomson Derwent
 File 347:JAPIO Oct 1976-2003/May(Updated 030902)
 (c) 2003 JPO & JAPIO
 File 348:EUROPEAN PATENTS 1978-2003/Aug W04
 (c) 2003 European Patent Office
 File 349:PCT FULLTEXT 1979-2002/UB=20030828,UT=20030821
 (c) 2003 WIPO/Univentio
 File 351:Derwent WPI 1963-2003/UD,UM &UP=200356
 (c) 2003 Thomson Derwent
 File 646:Consumer Reports 1982-2003/Aug
 (c) 2003 Consumer Union
 File 654:US PAT.FULL. 1976-2003/Sep 02
 (c) FORMAT ONLY 2003 THE DIALOG CORP.
 File 732:San Francisco Exam. 1990- 2000/Nov 21
 (c) 2000 San Francisco Examiner

Set	Items	Description
S1	43	(TETHER? OR ROPE OR ROPES OR CABLE OR CABLES OR CORD?) (7N) - (LEG OR LEGS OR LIMB OR FOOT? OR LIMBS) (7N) SURF? (7N) (REPAIR? - OR FIX OR FIXING OR RETIE)
S2	43	RD (unique items)
?		

2/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00154636 81-24513

SCARAB: Sea Sleuth Stalks Cable

Lunde, Harold R.; Reinold, Gordon A.; Yeisley, Paul A., Jr.
Bell Laboratories Record v59n7 PP: 198-204 Sep 1981
ISSN: 0005-8564 JRNL CODE: BLR

...ABSTRACT: US Navy submersible craft once used to recover torpedoes from the ocean floor, SCARAB helps *repair* and maintain undersea telephone *cables*. SCARAB is *tethered* to a *surface* ship by a 10,000-*foot* umbilical *cable* that carries electrical power and commands to SCARAB, and feeds back data and TV signals...

2/3,K/2 (Item 1 from file: 323)
DIALOG(R)File 323:RAPRA Rubber & Plastics
(c) 2003 RAPRA Technology Ltd. All rts. reserv.

00611828

TITLE: MICROSCOPY OF CATASTROPHIC TYRE FAILURES

AUTHOR(S): Smith R W
CONFERENCE PROCEEDINGS: 150th ACS Rubber Division Meeting. Fall 1996.
Conference Preprints
CORPORATE EDITOR: ACS, Rubber Div.
SOURCE: Louisville, Ky., 8th-11th Oct.1996, Paper 71, pp.35. 012
JOURNAL ANNOUNCEMENT: 199702 RAPRA UPDATE: 199703
DOCUMENT TYPE: Conference Papers
LANGUAGE: English
SUBFILE: (R) RAPRA

...DESCRIPTORS: SIDEWALL; SMOOTHNESS; STEEL CORD; STEEL-BELTED;
STEREOMICROSCOPY; STRAIN; STRESS; STRESS DISTRIBUTION; STRESSES;
STRIATION; SURFACE CRACKING; *SURFACE* PROPERTIES; SYNTHETIC
FIBER-REINFORCED RUBBER; SYNTHETIC FIBRE-REINFORCED RUBBER; TEAR;
TECHNICAL; TEMPERATURE; TEXTURE; THERMAL DEGRADATION; THERMOPLASTIC;
TIRE; TIRE BEAD; TIRE BELT; TIRE *CORD*; TIRE *FOOTPRINT*; TIRE
REPAIR; TOPOGRAPHY; TREAD; TREAD PATTERN; TREAD RUBBER; TYRE; TYRE
BEAD; TYRE BELT; TYRE *CORD*; TYRE *FOOTPRINT*; TYRE *REPAIR*; WEAR;
WIDTH

2/3,K/3 (Item 1 from file: 340)
DIALOG(R)File 340:CLAIMS(R)/US Patent
(c) 2003 IFI/CLAIMS(R). All rts. reserv.

1726070 2703725

M/FOUR POINT SUPPORT FOR COPIERS AND THE LIKE

Inventors: WONG LAM F (US)
Assignee: XEROX CORP
Assignee Code: 93448

	Kind	Publication Number	Date	Application Number	Date
	A	US 4637581	19870120	US 85777482	19850919
		(Cited in 001 later patents)			
Priority Applic:				US 85777482	19850919

Calculated Expiration: 20050919

Legal Status: **EXPIRED**

(See File 123 for legal status details)

Abstract: ...around the elevated pulley, whereby depositing of the support with copier on an uneven floor *surface* causes the *legs* to project by an amount necessary to contact the floor against the tension from the other *legs* transmitted via the *cables* so that the copier is level, and locking bolts to *fix* the *legs* in adjusted position following leveling.

2/3,K/4 (Item 2 from file: 340)
DIALOG(R)File 340:CLAIMS(R)/US Patent
(c) 2003 IFI/CLAIMS(R). All rts. reserv.

1034433 1636368

M/TRAILER COUPLING AND DROP-LEG APPARATUS

Inventors: BENNETT PAUL F (N/A); KOOT ALPHONSUS E (N/A)
Assignee: UTILITY TRAILER MFG CO

	Kind	Publication Number	Date	Application Number	Date
	A	US 3984122	19761005	US 75565540	19750407
		(Cited in 001 later patents)			
Continuation of:		ABANDONED		US 72244159	19720414
Priority Applic:				US 75565540	19750407
				US 72244159	19720414

Calculated Expiration: 19931005

Non-exemplary Claims: ...to the semi-trailer upon turning movement of the jaw, means for operating said drop-*leg* assemblies, said means including a pair of *cables* positioned to contact said drum *surface*, *fixing* one end of one of said *cables* to said jaw on one side of said channel, means pivotally attaching the other of said *cables* to said jaw on the other side of said channel...

2/3,K/5 (Item 1 from file: 342)
DIALOG(R)File 342:Derwent Patents Citation Indx
(c) 2003 Thomson Derwent. All rts. reserv.

02944712 WPI Acc No: 97-274414/25

Support mount for bundle of cables secured by single tie applied by automatic fixing tool - has symmetrical, arc shaped, resilient body with integral barb ended fixing legs and flat surface cable saddle

Patent Assignee: (PANU) PANDUIT CORP

Patent (basic)

Patent No	Kind	Date	Examiner	Field of Search
EP 774610	A2	970521	(BASIC)	

Derwent Week (Basic): 9725

Priority Data: US 991820 (921217); US 148172 (931101)

Applications: DE 629562 (931209); EP 97100797 (931209)

Designated States

(Regional): DE; FR; GB; IT

Derwent Class: Q67

Int Pat Class: F16L-003/22; F16L-003/233

Number of Patents: 004

Number of Countries: 004

Number of Cited Patents: 007

Number of Cited Literature References: 003

Number of Citing Patents: 001

2/3,K/6 (Item 2 from file: 342)
DIALOG(R)File 342:Derwent Patents Citation Indx
(c) 2003 Thomson Derwent. All rts. reserv.

01145639 WPI Acc No: 99193148/24

Support mount for a bundle of cables secured by single tie applied by automatic fixing tool - has symmetrical, arc shaped, resilient body with integral barb ended fixing legs and flat surface cable saddle

Patent Assignee: (PANU) PANDUIT CORP

Author (Inventor): CAVENEY J E; HILLEGONDS L A; DUNCAN J D

Patent (basic)

Patent No	Kind Date	Examiner Field of Search
EP 602548	A1 940622 (BASIC)	F16B; F16L

Derwent Week (Basic): 9424

Priority Data: US 991820 (921217); US 148172 (931101)

Applications: US 148172 (931101); MX 7716 (931207); DE 613419 (931209); EP 93119880 (931209); CA 2111186 (931210); JP 93318173 (931217); US 661837 (960611)

Designated States

(Regional): DE; FR; GB; IT

Derwent Class: Q64; Q67

Int Pat Class: F16G-011/00; F16L-003/022; F16L-003/08; F16L-003/13; F16L-003/137; F16L-003/22; H01B-013/22; H02G-003/24; H02G-003/26

Number of Patents: 009

Number of Countries: 008

Number of Cited Patents: 050

Number of Cited Literature References: 001

Number of Citing Patents: 013

2/3,K/7 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2003 JPO & JAPIO. All rts. reserv.

06984588 **Image available**

METHOD FOR CORRECTING ABNORMAL POSTURE OR LEG AND KNEE BRACE USED THEREIN

PUB. NO.: 2001-212162 [JP 2001212162 A]

PUBLISHED: August 07, 2001 (20010807)

INVENTOR(s): SHIRLEY TERRY L

APPLICANT(s): TAGG INDUSTRIES CO

APPL. NO.: 2000-024517 [JP 200024517]

FILED: February 01, 2000 (20000201)

ABSTRACT

...having a hinge shaft almost coinciding with the bending axis of the knee of the *leg* and connected to the support members by the first side surface of the *leg*, the first *cable* *fixing* device fixed to the first support member by the second side surface on the side opposite to the first side *surface* of the *leg*, the second *cable* *fixing* device fixed to the second support member by the second side *surface* of the *leg*, the single *cable* traversing the front of the *leg* from the first *fixing* device to extend to the hinge and traversing the front of the *leg* from the hinge to extend to the second *fixing* device and a *fixing* device arranged in order to permit the pulling of the *cable*.

COPYRIGHT: (C)2001,JPO

2/3,K/8 (Item 2 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2003 JPO & JAPIO. All rts. reserv.

05798958 **Image available**

CONNECTING STRUCTURE OF BRIDGE FOUNDATION

PUB. NO.: 10-082058 [JP 10082058 A]

PUBLISHED: March 31, 1998 (19980331)

INVENTOR(s): MORI SHINICHIRO

APPLICANT(s): TOBISHIMA CORP [399726] (A Japanese Company or Corporation),

JP (Japan)
APPL. NO.: 08-257510 [JP 96257510]
FILED: September 05, 1996 (19960905)

ABSTRACT

...depth near to the top faces of footings 10 respectively so as to connect the *footings* 10 of adjacent piers P. The tip sections of each PC *cable* 20 are fixed onto *fixing* bodies 30. Each *fixing* body 30 is disposed at symmetric places regarding a center line in the bridge axial direction on both *surfaces* in the bridge axial direction. Consequently, even when tensile load works, no eccentric load works...

2/3,K/9 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

05457249 **Image available**
SUPPORT OF JOINT

PUB. NO.: 09-072049 [JP 9072049 A]
PUBLISHED: March 18, 1997 (19970318)
INVENTOR(s): SAWANISHI RYOZO
INOUE SHU
YOSHIKAWA SOICHI
APPLICANT(s): AAKI YAMADE KK [000000] (A Japanese Company or Corporation),
JP (Japan)
SHIMIZU CORP [000229] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 07-230432 [JP 95230432]
FILED: September 07, 1995 (19950907)

ABSTRACT

...aside in free condition. A cap 10 for the joint 1 is supported by a *leg* 20, whose bottom is secured by a *fixing* pin 25. A *cord* 23 from the *leg* 20 is coupled with the top *surface* so that the pin 25 faces aside with the resilience of the cord 23 at...

2/3,K/10 (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

05347117 **Image available**
CABLE VIBRATION CONTROL DEVICE

PUB. NO.: 08-302617 [JP 8302617 A]
PUBLISHED: November 19, 1996 (19961119)
INVENTOR(s): MARUTA MITSUMASA
APPLICANT(s): NAKAI SHOKO KK [000000] (A Japanese Company or Corporation),
JP (Japan)
APPL. NO.: 07-107680 [JP 95107680]
FILED: May 01, 1995 (19950501)

ABSTRACT

...CONSTITUTION: The lower half 52 of a cylinder 5 equipped with a mounting *leg* 53 is secured to a girder 3 with *fixing* bolts 36, 37. The peripheral *surface* of a *cable* 1 positioned within the lower half 52 is enclosed with an enclosing/ reinforcing plate 6...

2/3,K/11 (Item 5 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04986534 **Image available**
ROAD RIVET

PUB. NO.: 07-279134 [JP 7279134 A]
PUBLISHED: October 24, 1995 (19951024)
INVENTOR(s): SAITO KAZUMI
 KURIHARA NORIMASA
 INOSE SHINSUKE
APPLICANT(s): NIPPON MEKTRON LTD [415082] (A Japanese Company or
 Corporation), JP (Japan)
 KYORITSU KENKYUSHO KK [488491] (A Japanese Company or
 Corporation), JP (Japan)
APPL. NO.: 06-096917 [JP 9496917]
FILED: April 11, 1994 (19940411)

ABSTRACT

...CONSTITUTION: A marker body 11 having a pair of fixed *legs* 12 on the bottom *surface* and a *cable* *fixing* part 13 between the fixed *legs* 12 is laid along the guide line of a road *surface* at prescribed intervals. A flat *cable* 14 having a flat rectangular section is passed through the cable fixing part 13, and...

2/3,K/12 (Item 6 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04304231 **Image available**
HEMP-PALM ROPE-LIKE KNOT

PUB. NO.: 05-295931 [JP 5295931 A]
PUBLISHED: November 09, 1993 (19931109)
INVENTOR(s): TAKAOKA NOBUO
APPLICANT(s): TAKASHIYOO KK [000000] (A Japanese Company or Corporation),
 JP (Japan)
APPL. NO.: 04-102799 [JP 92102799]
FILED: April 22, 1992 (19920422)
JOURNAL: Section: M, Section No. 1560, Vol. 18, No. 90, Pg. 3,
 February 15, 1994 (19940215)

ABSTRACT

PURPOSE: To fix a hemp-palm *rope*-like knot quickly through a *fixing* member to facilitate forming and adjustment of mounting angle of it by inserting bamboo externally at *leg* section, inserting a *fixing* member through the *legs* and knot provided on the *surface* of the *leg*.

...CONSTITUTION: A hemp-palm *rope*-like knot comprises four resin *legs* 12 to 15 and a square projection protruded from the *surface* of it, and a passing-through *fixing* member inserting hole is formed at the center of the projection. Also, a resin knot

2/3,K/13 (Item 7 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

04073346 **Image available**
ROPE STARTER DEVICE FOR RUNNING VEHICLE

PUB. NO.: 05-065046 [JP 5065046 A]
PUBLISHED: March 19, 1993 (19930319)
INVENTOR(s): OKADA MAKOTO
APPLICANT(s): KUBOTA CORP [000105] (A Japanese Company or Corporation), JP
 (Japan)

APPL. NO.: 03-230521 [JP 91230521]
FILED: September 10, 1991 (19910910)
JOURNAL: Section: M, Section No. 1446, Vol. 17, No. 377, Pg. 117, July
15, 1993 (19930715)

ABSTRACT

...in the gap B and the wedge-form body 9 is fixed to either the *rope*
starter *leg* body 2 or the *rope* starter upper body 3 by means of a
fixing tool 10. Further, the inclination angle of upper and lower wedge
surfaces 9a and 9b of the wedge-form block body 9 are set to a value...

2/3,K/14 (Item 8 from file: 347)

DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

02249324 **Image available**
ELECTRIC HEATER

PUB. NO.: 62-166224 [JP 62166224 A]
PUBLISHED: July 22, 1987 (19870722)
INVENTOR(s): TANAHASHI TAKASHI
SEKIYA KIYOSHI
FUJII HIROAKI
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company
or Corporation), JP (Japan)
APPL. NO.: 61-009188 [JP 869188]
FILED: January 20, 1986 (19860120)
JOURNAL: Section: M, Section No. 656, Vol. 12, No. 1, Pg. 84, January
06, 1988 (19880106)

ABSTRACT

PURPOSE: To facilitate attachment and detachment of a main body part and a
legs part of the electric stove by *fixing* a *cord* to a *leg* part and
providing an electric connector on the contact *surface* between the main
body part and the *leg* part...

2/3,K/15 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS
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00927828

Cable grip

Kabelhaltebugel

Element de fixation pour cables

PATENT ASSIGNEE:

HILTI Aktiengesellschaft, (254620), 9494 Schaan, (LI), (Proprietor
designated states: all)

INVENTOR:

Herb, Armin, Wiesenweg 12, 86974 Apfeldorf, (DE)

Thalmayr, Bernd, Walther-Heim-Strasse 14, 86161 Augsburg, (DE)

LEGAL REPRESENTATIVE:

Wildi, Roland et al (27352), Hilti Aktiengesellschaft Patentabteilung,
9494 Schaan, (LI)

PATENT (CC, No, Kind, Date): EP 845626 A2 980603 (Basic)
EP 845626 A3 000412
EP 845626 B1 020109

APPLICATION (CC, No, Date): EP 97810861 971112;

PRIORITY (CC, No, Date): DE 19649251 961128

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: F16L-003/04; H02G-003/30; F16L-003/237

TRANSLATED ABSTRACT WORD COUNT: 115

ABSTRACT WORD COUNT: 182

NOTE:-

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): German; German; German

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(German)	199823	343
CLAIMS B	(English)	200202	438
CLAIMS B	(German)	200202	343
CLAIMS B	(French)	200202	448
SPEC A	(German)	199823	1757
SPEC B	(German)	200202	1763
Total word count - document A			2100
Total word count - document B			2992
Total word count - documents A + B			5092

...ABSTRACT which is curved along its length for supporting one or a number of parallel electrical *cables* relative to an adjacent support *surface*

The centre of the rod is provided with a *fixing* *foot* (2) having a central bore for a *fixing* screw or nail, with each outer end (7) of the rod provided with a projecting...

2/3,K/16 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00733050

Electrical connector element

Elektrisches Verbindungselement

Element connecteur electrique

PATENT ASSIGNEE:

ALCATEL COMPONENTS LIMITED, (1569660), 248 Wickham Road, Moorabbin, Vic. 3189, (AU), (applicant designated states: CH;DE;ES;FR;GB;IT;LI)

INVENTOR:

Weiss, Christopher John, 19 Walker Grove, Cheltenham, 3912 Victoria, (AU)

LEGAL REPRESENTATIVE:

Dronne, Guy et al (15322), Cabinet Beau de Lomenie 158, rue de l'Universite, 75340 Paris Cedex 07, (FR)

PATENT (CC, No, Kind, Date): EP 691707 A1 960110 (Basic)

APPLICATION (CC, No, Date): EP 95110339 950703;

PRIORITY (CC, No, Date): AU 94PM6587 940704

DESIGNATED STATES: CH; DE; ES; FR; GB; IT; LI

INTERNATIONAL PATENT CLASS: H01R-013/26; H01R-013/652;

ABSTRACT WORD COUNT: 108

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	789
SPEC A	(English)	EPAB96	2071
Total word count - document A			2860
Total word count - document B			0
Total word count - documents A + B			2860

...SPECIFICATION onto shell portion 3. The resulting axial movement of outer shell 35 causes the inner *surface* thereof to slidably abut sections 32 and 33 of the *limbs* thereby *fixing* the jaws closed and gripping the *cord*.

Referring to Figure 4, the insulation displacement contact element comprises a forward section 37 and...

2/3,K/17 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00587599

Cord grip arrangement
Kabelklemmvorrichtung
Dispositif serre-cables

PATENT ASSIGNEE:

ALCATEL COMPONENTS LIMITED, (1569660), 248 Wickham Road, Moorabbin, Vic.
3189, (AU), (applicant designated states: CH;DE;ES;FR;GB;IT;LI)

INVENTOR:

Weiss, Christopher John, 19 Walker Grove, Cheltenham, Victoria 3912, (AU)
van Emmerik, David Lawrence, 27 Bayville Drive, Dingley, Victoria 3172,
(AU)

LEGAL REPRESENTATIVE:

Pohl, Herbert, Dipl.-Ing et al (38131), Alcatel Alsthom Intellectual
Property Department, Postfach 30 09 29, 70449 Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 577035 A1 940105 (Basic)
EP 577035 B1 960821

APPLICATION (CC, No, Date): EP 93110247 930626;

PRIORITY (CC, No, Date): AU 923338 920703; AU 937441 930224

DESIGNATED STATES: CH; DE; ES; FR; GB; IT; LI

INTERNATIONAL PATENT CLASS: H01R-013/59;

ABSTRACT WORD COUNT: 131

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF2	805
CLAIMS B	(English)	EPAB96	1249
CLAIMS B	(German)	EPAB96	1213
CLAIMS B	(French)	EPAB96	1291
SPEC A	(English)	EPABF2	1508
SPEC B	(English)	EPAB96	1692
Total word count - document A			2313
Total word count - document B			5445
Total word count - documents A + B			7758

...SPECIFICATION screwed onto shell portion 19. The axial movement of outer shell 26 causes the inner *surface* thereof to slidably abut sections 11 and 12 of the *limbs*, thereby *fixing* the jaws closed and gripping *cord* 14.

The embodiment shown in Figures 6, 7 and 8 is similar to the one...

...SPECIFICATION screwed onto shell portion 19. The axial movement of outer shell 26 causes the inner *surface* thereof to slidably abut sections 11 and 12 of the *limbs*, thereby *fixing* the jaws closed and gripping *cord* 14.

The embodiment shown in Figures 6, 7 and 8 is similar to the one...

2/3,K/18 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00260212 **Image available**

CABLE DUCT ACCESS UNIT

UNITE D'ACCES A UN CONDUIT DE CABLE

Patent Applicant/Assignee:

NORTH WEST CABLE COMMUNICATIONS LIMITED,
SHANNON Thomas Kevin,

Inventor(s):

SHANNON Thomas Kevin,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9408377 A1 19940414

Application: NO 93GB2011 19930927 (PCT/WO GB9302011)
Priority Application: GB 9220482 19920926
Designated States: AT AU BB BG BR BY CA CH CZ DE DK ES FI GB HU JP KP KR KZ
LK LU LV MG MN MW NL NO NZ PL PT RO RU SD SE SK UA US UZ VN AT BE CH DE
DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN
TD TG
Publication Language: English
Fulltext Word Count: 1960

Fulltext Availability:
Detailed Description

Detailed Description

... The present invention thus obviates the need for reinstallation of, or expensive and time consuming *repairs* to the access unit when road or *footpath* *repairs* are made. Access to the *cable* duct network is not hindered and subsequent installation of *cables* or services into the duct can be performed easily.

The unit has parallel sides which engage the *surfaces* of a duct trench wall. This arrangement allows for

2/3,K/19 (Item 1 from file: 351)
DIALOG(R)File 351:Derwent WPI
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014862877 **Image available**
WPI Acc No: 2002-683583/200274
XRPX Acc No: N02-539623

Utilisation of cable guide module for controlled cable guidance by fitting to plug-in component group carrier

Patent Assignee: REICHLE & DE MASSARI AG (REIC-N)
Inventor: REICHLE H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 10113528	A1	20020926	DE 1013528	A	20010320	200274 B

Priority Applications (No Type Date): DE 1013528 A 20010320

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 10113528	A1		10	H02G-015/007	

Abstract (Basic):

... The *cable* guide module utilisation provides controlled guidance of a *cable* (15) via a *fixing* *foot* part (21) and a carrier element providing an open *cable* channel with a curved base *surface* and side elements (24) on either side of the cable. The cable module is fitted...

2/3,K/20 (Item 2 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

014625890 **Image available**
WPI Acc No: 2002-446594/200248
XRPX Acc No: N02-351925

Cable tray for power installations and cellular telecommunication base stations, has valley in which spaced array of fixing locators receives cable clamps

Patent Assignee: DICK & CO LTD ALAN (DICK-N)

Inventor: CAWDRON T; COOPER G; GARDINER L; ORME C; STEPHENS J; SWANN R;
THORNEYCROFT W S; YOXALL T

Number of Countries: 097 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
GB 2367955	A	20020417	GB 200025138	A	20001013	200248	B
WO 200231939	A1	20020418	WO 2001GB4501	A	20011010	200248	
AU 200193980	A	20020422	AU 200193980	A	20011010	200254	

Priority Applications (No Type Date): GB 200025138 A 20001013

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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GB 2367955	A		27	H02G-003/04	
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WO 200231939	A1	E		H02G-003/04	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200193980	A			H02G-003/04	Based on patent WO 200231939
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Abstract (Basic):

... A valley (3) in which one of more *cables* is placed, comprises a base and a pair of vertically spaced walls (2). A spaced array of *fixing* locators is positioned in the valley, to receive *cable* clamps. A lid (9) positioned on the tray, has support *legs* (10) abutting against the base of the valley, for raising or lowering the cable tray to the *surface* on which it is standing.

2/3,K/21 (Item 3 from file: 351)

DIALOG(R)File 351:Derwent WPI

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013675545 **Image available**

WPI Acc No: 2001-159757/200116

XRPX Acc No: N01-116393

Leg rope connection device used when surfing, has clamps respectively associated with arms for retaining portions of leg rope within leg rope guide provided in housing.

Patent Assignee: WHITTY B (WHIT-I)

Inventor: WHITTY B

Number of Countries: 094 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200107798	A1	20010201	WO 2000AU893	A	20000726	200116	B
AU 200059554	A	20010213	AU 200059554	A	20000726	200128	
BR 200013188	A	20020507	BR 200013188	A	20000726	200238	
			WO 2000AU893	A	20000726		
US 20020092137	A1	20020718	US 200257356	A	20020125	200254	
AU 750833	B	20020801	AU 200059554	A	20000726	200261	
JP 2003505288	W	20030212	WO 2000AU893	A	20000726	200321	
			JP 2001512198	A	20000726		

Priority Applications (No Type Date): AU 991829 A 19990726

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200107798	A1	E	25	F16G-011/10	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200059554	A			F16G-011/10	Based on patent WO 200107798
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BR 200013188	A			F16G-011/10	Based on patent WO 200107798
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US 20020092137 A1 16G-011/00
AU 750833 B F16G-011/10 Previous Publ. patent AU 200059554
Based on patent WO 200107798
JP 2003505288 W 38 B63B-035/79 Based on patent WO 200107798

Abstract (Basic):

... Enables a *surfer* to *repair* or join the broken urethane
rubber strip of the *leg* *rope* while remaining in the water...

2/3,K/22 (Item 4 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

011766698 **Image available**

WPI Acc No: 1998-183608/199817

XRPX Acc No: N98-145452

**Fitting for optical cable fixation - includes curved parts which are
formed in upper *surface* of second *fixing* board part and under
surface of second presser *foot* board part for accommodating optical
*cable***

Patent Assignee: NITTO KOGYO KK (NITT-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10039158	A	19980213	JP 96190384	A	19960719	199817 B

Priority Applications (No Type Date): JP 96190384 A 19960719

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10039158	A		4	G02B-006/24	

... includes curved parts which are formed in upper *surface* of second
fixing board part and under *surface* of second presser *foot* board
part for accommodating optical *cable*

2/3,K/23 (Item 5 from file: 351)

DIALOG(R)File 351:Derwent WPI

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011750682 **Image available**

WPI Acc No: 1998-167592/199815

XRAM Acc No: C98-053599

XRPX Acc No: N98-133062

**Footwear for foot protection in combat type sports - with upper blank
made as shaped component**

Patent Assignee: LEONTEV YU M (LEON-I)

Inventor: LEONTEV YU M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RU 2086164	C1	19970810	RU 9346895	A	19931005	199815 B

Priority Applications (No Type Date): RU 9346895 A 19931005

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
RU 2086164	C1		3	A43B-005/00	

...Abstract (Basic): The *footwear* has an upper blank (1) made of flexible
material with smooth *surface* and a device for its *fixing* to the
foot, which has *cord* loop (7) for toes. The upper blank is made as
shaped component with a size...

2/3,K/24 (Item 6 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

011351697 **Image available**
WPI Acc No: 1997-329603/199730
XRPX Acc No: N97-273374

Optical switch for optical circuit maintenance system in optical communication network - has switch side connector and core side connector connected to join optical cable core with fibre at front side of switch case

Patent Assignee: FURUKAWA ELECTRIC CO LTD (FURU); NIPPON TELEGRAPH & TELEPHONE CORP (NITE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9133880	A	19970520	JP 95315966	A	19951109	199730 B

Priority Applications (No Type Date): JP 95315966 A 19951109

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9133880	A		8	G02B-026/08	

...Abstract (Basic): The switch consists of a mounting base (31) which supports a horizontal row arrangement of *cable* *fixing* *legs* (38) fitted to the bottom side. An optical fibre (33) is supported and fixed between the *cable* *fixing* *legs* and has a sleeve core on its *surface*. An optical switch (6) is connected after ensuring required slack (39) of fibre. A switch...

2/3,K/25 (Item 7 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

011296509 **Image available**
WPI Acc No: 1997-274414/199725
Related WPI Acc No: 1994-193148
XRPX Acc No: N97-227250

Support mount for bundle of cables secured by single tie applied by automatic fixing tool - has symmetrical, arc shaped, resilient body with integral barb ended *fixing* *legs* and flat *surface* *cable* saddle

Patent Assignee: PANDUIT CORP (PANU)

Inventor: CAENEY J E; DUNCAN J D; HILLEGONDS L A

Number of Countries: 004 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 774610	A2	19970521	EP 93119880	A	19931209	199725 B
			EP 97100797	A	19931209	
EP 774610	A3	19970625	EP 93119880	A	19931209	199737
			EP 97100797	A	19931209	
EP 774610	B1	20001011	EP 93119880	A	19931209	200052
			EP 97100797	A	19931209	
DE 69329562	E	20001116	DE 629562	A	19931209	200065
			EP 97100797	A	19931209	

Priority Applications (No Type Date): US 93148172 A 19931101; US 92991820 A 19921217

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 774610	A2	E	11	F16L-003/233	Div ex application EP 93119880
					Designated States (Regional): DE FR GB IT
EP 774610	A3			F16L-003/22	Div ex application EP 93119880
EP 774610	B1	E		F16L-003/233	Div ex application EP 93119880
					Div ex patent EP 602548
					Designated States (Regional): DE FR GB IT

... has symmetrical, arc shaped, resilient body with integral barb ended
 fixing *legs* and flat *surface* *cable* saddle

2/3,K/26 (Item 8 from file: 351)

DIALOG(R)File 351:Derwent WPI

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011243342 **Image available**

WPI Acc No: 1997-221245/199720

XRFX Acc No: N97-183078

Fixing method of cable drum loaded into vehicle - by providing belt
 fixture on both sides of loading platform of vehicle and passing belt
 through contact surface of cable drum

Patent Assignee: NIPPON DENKI ENG KK (NIDE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9066769	A	19970311	JP 95222409	A	19950830	199720 B

Priority Applications (No Type Date): JP 95222409 A 19950830

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9066769	A		4	B60P-003/00	

...Abstract (Basic): The method involves using the long side part of a
 cable drum *fixing* tool (5) standing on its *leg*. The wall
 surface of a container (3) is loaded into a vehicle (1). The oblique
 sides of the *cable* drum *fixing* tool are contacted to the contact
 surface of the *cable* drum...

2/3,K/27 (Item 9 from file: 351)

DIALOG(R)File 351:Derwent WPI

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010743780 **Image available**

WPI Acc No: 1996-240735/199625

XRFX Acc No: C96-076964

An ironing board of monocoque construction - has a permeable heated
 surface with backing suction

Patent Assignee: EMMEPI DI MANFRENUZZI M (DMAN-I)

Inventor: MILANESE P

Number of Countries: 003 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 712955	A2	19960522	EP 95116793	A	19951025	199625 B
EP 712955	A3	19971105	EP 95116793	A	19951025	199814
IT 1273913	B	19970711	IT 94TV122	A	19941027	199818
EP 712955	B1	20000419	EP 95116793	A	19951025	200024
DE 69516363	E	20000525	DE 616363	A	19951025	200032
			EP 95116793	A	19951025	

Priority Applications (No Type Date): IT 95UTV50 U 19950922; IT 94TV122 A
 19941027

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 712955	A2	E 108		D06F-081/08	
					Designated States (Regional): DE FR
EP 712955	A3			D06F-081/08	
IT 1273913	B			A47G-000/00	
EP 712955	B1	E		D06F-081/08	
					Designated States (Regional): DE FR

...Abstract (Basic): container c adjacent opening b, housings for the iron etc., support means for the heating *surface* and for *cable* *fixing* with jointed *legs* and slide guides...

2/3,K/28 (Item 10 from file: 351)

DIALOG(R)File 351:Derwent WPI

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010604027 **Image available**

WPI Acc No: 1996-100980/199611

XRAM Acc No: C96-032269

XRFX Acc No: N96-084426

Preventive maintenance appts. for jet pump - has *surface* monitor camera, *fixing* *legs* and *cable* for transmitting operation signals

Patent Assignee: TOSHIBA KK (TOKE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8005773	A	19960112	JP 94137059	A	19940620	199611 B

Priority Applications (No Type Date): JP 94137059 A 19940620

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8005773	A	12	G21C-015/243	

... has *surface* monitor camera, *fixing* *legs* and *cable* for transmitting operation signals

...Abstract (Basic): Appts. comprises a *surface* processing device with monitor camera, *fixing* *legs*, and shaver (sic), a *cable* hanging the above unit and transmitting operating signals for the above devices, and a remote...

2/3,K/29 (Item 11 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

009925437 **Image available**

WPI Acc No: 1994-193148/199424

Related WPI Acc No: 1997-274414

XRFX Acc No: N94-152028

Support mount for a bundle of cables secured by single tie applied by automatic fixing tool - has symmetrical, arc shaped, resilient body with integral barb ended *fixing* *legs* and flat *surface* *cable* saddle

Patent Assignee: PANDUIT CORP (PANU); HILLEGONDS L A (HILL-I)

Inventor: CAVENEY J E; DUNCAN J D; HILLEGONDS L A

Number of Countries: 008 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 602548	A1	19940622	EP 93119880	A	19931209	199424 B
CA 2111186	A	19940618	CA 2111186	A	19931210	199432
US 5368261	A	19941129	US 92991820	A	19921217	199502
			US 93148172	A	19931101	
JP 6327124	A	19941125	JP 93318173	A	19931217	199507
EP 602548	B1	19970827	EP 93119880	A	19931209	199739
			EP 97100797	A	19931209	
DE 69313419	E	19971002	DE 613419	A	19931209	199745
			EP 93119880	A	19931209	
MX 9307716	A1	19970601	MX 937716	A	19931207	199825
US 5799906	A	19980901	US 92991820	A	19921217	199842
			US 93148172	A	19931101	

			US 94345163	A	199411	
			US 96661837	A	19960611	
MX 187598	B	19980107	MX 937716	A	19931207	200046

Priority Applications (No Type Date): US 93148172 A 19931101; US 92991820 A 19921217; US 94345163 A 19941128; US 96661837 A 19960611

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 602548	A1	E	12	F16L-003/22	
Designated States (Regional): DE FR GB IT					
CA 2111186	A			H02G-003/24	
US 5368261	A		10	F16L-003/00	CIP of application US 92991820
JP 6327124	A		9	H02G-003/26	
EP 602548	B1				